

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Kenji TSUBONE et al. )  
Application No.: 10/521,017 ) Group Art Unit: 3744  
Filed: August 8, 2005 ) Examiner: Not Assigned  
For: AIR CONDITIONING SYSTEM ) Confirmation No. 9505

**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), Applicants bring to the Examiner's attention the documents listed on the attached Form PTO/SB/08 and cited in the attached Korean Office Action dated April 27, 2006. To the best of undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits in the above-referenced application. Further, each document listed in this Information Disclosure Statement was first cited in a communication from a foreign Patent Office in a counterpart foreign application, and this Information Disclosure Statement is being filed within three months of the mailing date of that communication.

Applicants respectfully request that the Examiner consider the documents listed on the attached Form PTO/SB/08 and indicate that they were considered by making an appropriate notation on this form.

On information and belief, the following is a concise statement of the relevance of foreign language document JP 6-100393:

A heat pump apparatus has a high temperature heat pump 40 using waste heat as a heat source, in which a high boiling cooling medium circulates through a compressor 41, a condenser 42 emitting heat to a load 47, an extractor 43, an auxiliary evaporator 45, an evaporator 44 using waste heat 46 as a heat source; and a low temperature heat pump 50 using air as a heat source, in which a low-boiling cooling medium circulates through a compressor 51, a condenser 52 also functioning as the auxiliary evaporator 45, an extractor 53, an evaporator 54 using air as a heat source. An inverter driven compressor is employed as the compressor 41 of the high temperature heat pump 40; including means for enhancing and weakening a capacity of the inverter driven compressor 41, by performing inverter control in accordance with an amount of the waste heat 45 or with a change in the temperature; and means for driving the low temperature heat pump 50, only when the amount of waste heat 46 or a fluctuation range of the temperature is insufficient exceeding the range of the inverter control.

On information and belief, the relevance of foreign language document Korean Patent Office Official Action is to cite JP 6-100393 against the claims in a counterpart Korean application.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine

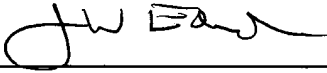
that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Patent and Trademark Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: July 25, 2006

By:   
James W. Edmondson  
Reg. No. 33,871

IDS Form PTO/SB/08: Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				<i>Application Number</i>	10/521,017
				<i>Filing Date</i>	August 8, 2005
				<i>First Named Inventor</i>	Kenji TSUBONE
				<i>Art Unit</i>	3744
				<i>Examiner Name</i>	Not Assigned
Sheet	1	of	1	<i>Attorney Docket Number</i>	09709.0001-00

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> <i>(if known)</i>			

**Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004**

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> <i>(if known)</i>				
		JP 6 100393	12/12/94			Partial

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		Korean Office Action dated April 27, 2006	No

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.